

(FILE 'HOME' ENTERED AT 17:47:15 ON 18 SEP 2004)

FILE 'REGISTRY' ENTERED AT 17:47:19 ON 18 SEP 2004

L1 SCREEN 2067
L2 STRUCTURE UPLOADED
L3 QUE L2 AND L1
L4 1 S L3 SSS SAM

FILE 'HOME' ENTERED AT 17:48:02 ON 18 SEP 2004

FILE 'REGISTRY' ENTERED AT 17:50:46 ON 18 SEP 2004

L5 SCREEN 2067
L6 STRUCTURE UPLOADED
L7 QUE L6 AND L5
L8 17 S L7 SSS SAM
L9 SCREEN 970 AND 2067
L10 STRUCTURE UPLOADED
L11 QUE L10 AND L9
L12 50 S L11 SSS SAM
L13 SCREEN 2067
L14 STRUCTURE UPLOADED
L15 QUE L14 AND L13
L16 50 S L15 SSS SAM

=> s 18 or 116

L17 63 L8 OR L16

=> s 117 or 112

L18 113 L17 OR L12

=> s 118 and 14

L19 0 L18 AND L4

=> FIL HCAPLUS, CAPLUS, USPATFULL
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
1.68	5.13

FILE 'HCAPLUS' ENTERED AT 17:52:55 ON 18 SEP 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE 'CAPLUS' ENTERED AT 17:52:55 ON 18 SEP 2004

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FILE 'USPATFULL' ENTERED AT 17:52:55 ON 18 SEP 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 119

L20 0 L19

=> s 14

L21 2 L4

=> duplicates remove 121

DUPLICATE PREFERENCE IS 'HCAPLUS, CAPLUS'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L21

L22 1 DUPLICATE REMOVE L21 (1 DUPLICATE REMOVED)

ENTER SCREEN EXPRESSION OR (END):end

=> screen 2067

L1 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10080319.str

L2 STRUCTURE UPLOADED

=> que L2 AND L1

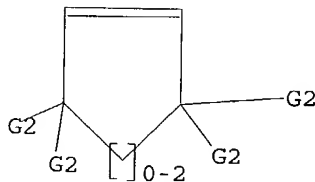
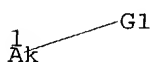
L3 QUE L2 AND L1

=> d

L3 HAS NO ANSWERS

L1 SCR 2067

L2 STR



G1 Cl,Br,F,I

G2 Cl,Br,F,I,[@1]

Structure attributes must be viewed using STN Express query preparation.
L3 QUE ABB=ON PLU=ON L2 AND L1

=> s l3 sss sam

SAMPLE SEARCH INITIATED 17:47:40 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 28586 TO ITERATE

3.5% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 561616 TO 581824
PROJECTED ANSWERS: 251 TO 891

L4 1 SEA SSS SAM L2 AND L1

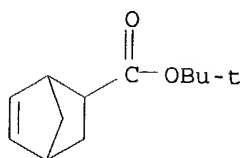
=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 430427-86-4 REGISTRY
CN Bicyclo[2.2.1]hept-5-ene-2-carboxylic acid, 1,1-dimethylethyl ester,
polymer with 2,5-furandione and octafluorocyclopentene (9CI) (CA INDEX
NAME)
MF (C12 H18 O2 . C5 F8 . C4 H2 O3)x
CI PMS
PCT Polyether, Polyvinyl
SR CA
LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Patent
RL.P Roles from patents: PREP (Preparation); USES (Uses)

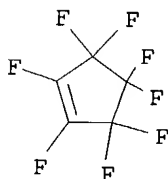
CM 1

CRN 154970-45-3
CMF C12 H18 O2



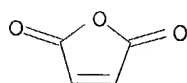
CM 2

CRN 559-40-0
CMF C5 F8



CM 3

CRN 108-31-6
CMF C4 H2 O3



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FIL HOME

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
2.19	2.40

FILE 'HOME' ENTERED AT 17:48:02 ON 18 SEP 2004

=> file reg

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
1.05	3.45

FILE 'REGISTRY' ENTERED AT 17:50:46 ON 18 SEP 2004

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 SEP 2004 HIGHEST RN 747389-40-8
DICTIONARY FILE UPDATES: 17 SEP 2004 HIGHEST RN 747389-40-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 2067

L5 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10080319-3.str

L6 STRUCTURE UPLOADED

=> que L6 AND L5

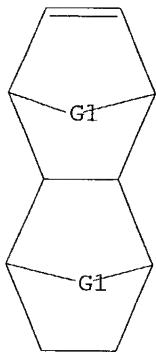
L7 QUE L6 AND L5

=> d

L7 HAS NO ANSWERS

L5 SCR 2067

L6 STR



G1 C,O,S

Structure attributes must be viewed using STN Express query preparation.
L7 QUE ABB=ON PLU=ON L6 AND L5

=> s 17 sss sam
SAMPLE SEARCH INITIATED 17:51:50 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3421 TO ITERATE

29.2% PROCESSED 1000 ITERATIONS 17 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 64913 TO 71927
PROJECTED ANSWERS: 706 TO 1620

L8 17 SEA SSS SAM L6 AND L5

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 970 AND 2067

L9 SCREEN CREATED

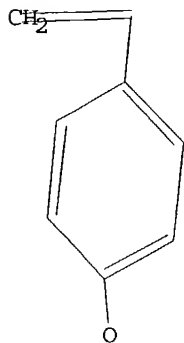
=>
Uploading C:\Program Files\Stnexp\Queries\10080319-4.str

L10 STRUCTURE UPLOADED

=> que L10 AND L9

L11 QUE L10 AND L9

=> d
L11 HAS NO ANSWERS
L9 SCR 970 AND 2067
L10 STR



Structure attributes must be viewed using STN Express query preparation.
L11 QUE ABB=ON PLU=ON L10 AND L9

=> s 111 sss sam
SAMPLE SEARCH INITIATED 17:52:07 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1003 TO ITERATE

99.7% PROCESSED 1000 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 18161 TO 21959
PROJECTED ANSWERS: 4301 TO 6249

L12 50 SEA SSS SAM L10 AND L9

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 2067

L13 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10080319-2.str

L14 STRUCTURE UPLOADED

=> que L14 AND L13

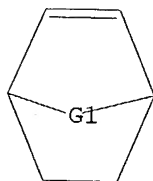
L15 QUE L14 AND L13

=> d

L15 HAS NO ANSWERS

L13 SCR 2067

L14 STR



G1 C,O,S

Structure attributes must be viewed using STN Express query preparation.
L15 QUE ABB=ON PLU=ON L14 AND L13

=> s l15 sss sam

SAMPLE SEARCH INITIATED 17:52:24 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 6783 TO ITERATE

14.7% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

50 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 130724 TO 140596
PROJECTED ANSWERS: 13925 TO 17275

L16 50 SEA SSS SAM L14 AND L13

=> d his

=> d 122 ibib hitstr

L22 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
ACCESSION NUMBER: 2002:397839 HCAPLUS
DOCUMENT NUMBER: 136:409059
TITLE: Fluorine-containing cycloolefin polymer, photoresist
material containing the polymer, and formation of
pattern
INVENTOR(S): Hatakeyama, Jun; Watanabe, Atsushi; Harada, Yuji;
Kawai, Yoshio; Sasako, Masaru; Endo, Masataka;
Kishimura, Shinji; Otani, Michitaka; Miyazawa, Satoru;
Tsutsumi, Kentaro; Maeda, Kazuhiko
PATENT ASSIGNEE(S): Shin-Etsu Chemical Industry Co., Ltd., Japan;
Matsushita Electric Industrial Co., Ltd.; Central
Glass Co., Ltd.
SOURCE: Jpn. Kokai Tokkyo Koho, 25 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002155120	A2	20020528	JP 2001-266772	20010904
PRIORITY APPLN. INFO.: IT 430427-86-4P			JP 2000-271209	A 20000907

RL: IMF (Industrial manufacture); TEM (Technical or engineered material
use); PREP (Preparation); USES (Uses)
(fluorine-containing cycloolefin polymer for (chemical-amplified)

pos.-working

photoresist)

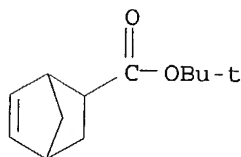
RN 430427-86-4 HCAPLUS

CN Bicyclo[2.2.1]hept-5-ene-2-carboxylic acid, 1,1-dimethylethyl ester,
polymer with 2,5-furandione and octafluorocyclopentene (9CI) (CA INDEX
NAME)

CM 1

CRN 154970-45-3

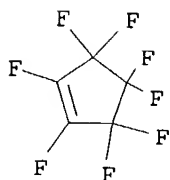
CMF C12 H18 O2



CM 2

CRN 559-40-0

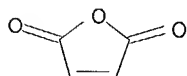
CMF C5 F8



CM 3

CRN 108-31-6

CMF C4 H2 O3



=> d his

(FILE 'HOME' ENTERED AT 17:47:15 ON 18 SEP 2004)

FILE 'REGISTRY' ENTERED AT 17:47:19 ON 18 SEP 2004

L1 SCREEN 2067
L2 STRUCTURE UPLOADED
L3 QUE L2 AND L1
L4 1 S L3 SSS SAM

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L5 SCREEN 2067
L6 STRUCTURE UPLOADED
L7 QUE L6 AND L5
L8 17 S L7 SSS SAM
L9 SCREEN 970 AND 2067
L10 STRUCTURE UPLOADED
L11 QUE L10 AND L9
L12 50 S L11 SSS SAM
L13 SCREEN 2067
L14 STRUCTURE UPLOADED
L15 QUE L14 AND L13
L16 50 S L15 SSS SAM
L17 63 S L8 OR L16
L18 113 S L17 OR L12
L19 0 S L18 AND L4

FILE 'HCAPLUS, CAPLUS, USPATFULL' ENTERED AT 17:52:55 ON 18 SEP 2004

L20 0 S L19
L21 2 S L4
L22 1 DUPLICATE REMOVE L21 (1 DUPLICATE REMOVED)

=> s 18

L23 66 L8

=> s 112

L24 109 L12

=> s 116

L25 218 L16

=> s 123 or 124 or 125

L26 376 L23 OR L24 OR L25

=> s 126 AND L22

L27 0 L26 AND L22